

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I verily believe that I am the original, first and sole inventor (if only one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **NUCLEOBASE HETEROCYCLIC COMBINATORIALIZATION** the specification of which:

() is attached hereto.

(X) was filed on June 30, 1997 as Application Serial No. 08/884,873.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

Country	Number	Date Filed	Priority Claimed
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending)
------------------------	-------------	----------------------------

_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: **John W. Caldwell and Paul K. Legaard** Registration Nos. **28,937 and 38,534** of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, and **Herb Boswell, Laurel Bernstein and Andrew E. Granston**, Registration Nos. **27,311, 37,280 and 38,473**, of **ISIS Pharmaceuticals**, 2280 Faraday Avenue, Carlsbad, California 92008.

Address all telephone calls and correspondence to:

Paul K. Legaard, Ph.D.
WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone No. **215-568-3100**.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the

United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Full Name:	Inventor's Signature:	Date:
	Phillip Dan Cook	<i>Phillip Dan Cook</i>	8/19/97
	Residence: Escondido, California 92029	Citizenship: United States	
Post Office Address: 2124 Acker Way, Escondido, California 92029			
2	Full Name:	Inventor's Signature:	Date
	Residence:	Citizenship:	
	Post Office Address:		
3	Full Name:	Inventor's Signature:	Date
	Residence:	Citizenship:	
	Post Office Address:		
4	Full Name:	Inventor's Signature:	Date
	Residence:	Citizenship:	
	Post Office Address:		
5	Full Name:	Inventor's Signature:	Date
	Residence:	Citizenship:	
	Post Office Address:		

DOCKET NO. : ISIS-5031

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Phillip Dan Cook

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

For: NUCLEOBASE HETEROCYCLIC COMBINATORIALIZATION

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY


The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

Richard E. Kurtz	Registration No. 19,263	Norman L. Norris	Registration No. 24,196
Dale M. Heist	Registration No. 28,425	Michael J. Swope	Registration No. 38,041
John W. Caldwell	Registration No. 28,937	Michael J. Bonella	Registration No. 41,628
Gary H. Levin	Registration No. 28,734	Harold H. Fullmer	Registration No. 42,560
Steven J. Rocci	Registration No. 30,489	John E. McGlynn	Registration No. 42,863
Dianne B. Elderkin	Registration No. 28,598	Jonathan M. Waldman	Registration No. 40,861
John P. Donohue, Jr.	Registration No. 29,916	Chad Ziegler	Registration No. 44,273
Henrik D. Parker	Registration No. 31,863	Gwilym J.O. Attwell	Registration No. 45,449
Suzanne E. Miller	Registration No. 32,279	David N. Farsiou	Registration No. 44,104
Lynn B. Morreale	Registration No. 32,842	Steven H. Meyer	Registration No. 37,189
Mark DeLuca	Registration No. 33,229	Paul B. Milcetic	Registration No. 46,261
Joseph Lucci	Registration No. 33,307	Joseph R. Condo	Registration No. 42,431
Michael P. Dunnam	Registration No. 32,611	Michael K. Jones	Registration No. 41,100
Michael D. Stein	Registration No. 34,734	Frank T. Carroll	Registration No. 42,392
Albert J. Marcellino	Registration No. 34,664	Thomas E. Watson	Registration No. 43,243
David R. Bailey	Registration No. 35,057	Eric H. Vance	Registration No. 47,151
Doreen Yatko Trujillo	Registration No. 35,719	Peter M. Ullman	Registration No. 43,963
Barbara L. Mullin	Registration No. 38,250	Richard B. LeBlanc	Registration No. 39,495
Michael P. Straher	Registration No. 38,325	Joseph D. Rossi	Registration No. 47,038
Kevin M. Flannery	Registration No. 35,871	Rosaleen P. Morris-Oskanian	Registration No. 47,321
David A. Cherry	Registration No. 35,099	George J. Awad	Registration No. 46,528
Lynn A. Malinoski	Registration No. 38,788	Steven D. Maslowski	Registration No. 46,905
Steven B. Samuels	Registration No. 37,711	S. Maurice Valla	Registration No. 43,966
Janet E. Reed	Registration No. 36,252	Emma R. Dailey	Registration No. 48,491
Jeffrey J. King	Registration No. 38,515	Vincent J. Roccia	Registration No. 43,887
Robert B. Washburn	Registration No. 16,574	Robin S. Quartin	Registration No. 45,028

Patrick J. Farley	Registration No. 42,524	Richard D. Watkins	Registration No. P50,993
Gregory L. Hillyer	Registration No. 44,154	Wendy A. Choi	Registration No. 36,697
Stephen C. Timmins	Registration No. 48,481	Felicity E. Groth	Registration No. 47,042
Erich M. Falke	Registration No. 49,049	Christine A. Goddard	Registration No. 46,731
Jane E. Inglese	Registration No. 48,444	Andrew J. Hagerty	Registration No. 44,141
Susan C. Murphy	Registration No. 46,221	Scott E. Scioli	Registration No. 47,930
Raymond N. Scott, Jr.	Registration No. 48,666		
David L. Marcus	Registration No. 46,897		
Lawrence A. Aaronson	Registration No. 38,369		
John A. Harrelson	Registration No. 42,637		
Sharon Fenick	Registration No. 45,269		
Daniel D. Biesterveld	Registration No. 45,898		
Phillip A. Singer	Registration No. 40,176		

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: 1 MARCH 2002


Paul K. Legaard
Registration No. 38,534

Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439